



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/629,890	07/29/2003	Anatoly S. Belkin	CE10788R/10-177	5559

22917 7590 05/12/2006

MOTOROLA, INC.  
1303 EAST ALGONQUIN ROAD  
IL01/3RD  
SCHAUMBURG, IL 60196

EXAMINER
----------

FERGUSON, KEITH

ART UNIT	PAPER NUMBER
----------	--------------

2617

DATE MAILED: 05/12/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/629,890

Applicant(s)

BELKIN ET AL.

Examiner

Keith T. Ferguson

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 February 2006.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

Art Unit: 2617

### **DETAILED ACTION**

1. The Art Unit location of your application in the USPTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Art Unit 2617.

### ***Response to Arguments***

2. Applicant's arguments with respect to claims 1-24 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Objections***

3. Claim 9 is objected to because of the following informalities: Claim 9, line 2, the phrase "the format caller" should recite "the format caller identification". Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-7 and 9 are rejected under 35 U.S.C. 102(b) as being anticipated by O'Prey, newly recited reference sent with last office action.

Art Unit: 2617

The claimed invention reads on O'Prey as follows:

Regarding claims 1 and 5, O'Prey discloses a communication device for reformatting a caller identification when operating with a plurality of communication networks (abstract, lines 1-14 and fig. 1 number 2, 20, 6 and 16) comprising: a transceiver for communicating with a first and second communication network (P:0020 lines 11-13); wherein the first communication network uses a first caller identification (a prefix dial digit string is used to place a call to a target network (P:0023 lines 13-23) and the second communication uses a second caller identification (prefix number to rout the call (i.e. the mobile telephone modify the prefix string to a different network) (P:0023 lines 13-23), wherein the first caller identification has a first format used by the first communication network and the second caller identification has a second format used by the second communication network different from the first format (P:0023 lines 13-23 and p:0036 line 1 through P: 0038 line 11); and a controller (P:0020 lines 2-4), coupled to the transceiver (P:0020 lines 2-4), to provide a reformatted caller identification by reformatted caller identification for use by the communication device by choosing (matching) a format of the caller identification to one the first format and the second

Art Unit: 2617

format used by the transceiver (P:0035 line 1 through P:003 line 6).

Regarding claim 2, O'Prey discloses the reformatted caller identification is provided by adding or inserting to (adjusting) the number of characters of the access prefix (first caller identification) (P:0045 lines 1-8).

Regarding claim 3, O'Prey discloses a SIM (memory) for storing a template (SIM application tool kit), wherein the digit strings (reformatted caller identification) is provided according to the template (P:0023 lines 1-34).

Regarding claim 4, O'Prey discloses the first communication network is one of a cellular communication network and a private network (fig. 1 and P:0018 lines 1-23).

Regarding claim 6, O'Prey discloses an address book wherein the controller identifies an address book entry corresponding to the digit string (P:0040 lines 3-7).

Regarding claim 7, O'Prey discloses a display for displaying one of the digit string and an address book entry corresponding to the digit string (P:0041 lines 1-9).

Regarding claim 9, O'Prey discloses a user interface and wherein rules used by the controller to provide the reformatted caller are supplied from one of the user interface and a communications network (P:0028 line 3 through P:0030 line 7).

#### ***Claim Rejections - 35 USC § 103***

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at

Art Unit: 2617

the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

7. Claims 8 and 10-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over O'Prey in view of Boero et al..

Regarding claim 8, O'Prey discloses a communication device for reformatting a caller identification as discussed supra in claim 1 above. O'Prey differs from claim 8 of the present invention in that it does not disclose the controller provides the reformatted caller identification only when received from the first communication network. Boero et al. teaches a controller (processor), coupled to the identification transceiver, to provide a reformatted caller to a first caller identification corresponding received from the first communication network (inherent, since the mobile telephone looks up stored caller identification information within received from a calling party number of an incoming call for allowing various prefixes specific to different telephone networks and different countries, as taught in abstract, col. 1 lines 6-23, col. 2 lines 8-38 and col. 2 line 53 through col. 3 line 30). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify O'Prey with the controller provides the reformatted caller identification only when received from the first communication network in order for the mobile telephone to determine if the first network is a least cost network and if not, modify the digit string to select a least cost network to communicate, as taught by Boero et al..

Regarding claims 10 and 17, O'Prey discloses a main processor (communication controller) arranged to modify a digit string (reformat a caller identification) (P:0023 lines 1-24) comprising: an input (keying In) to receive one of a first caller identification used by a first communication network and a second caller identification used by second communication network (P:0028 lines 3-18), a processor to reformat the caller identification (P:0023 lines 1-24); and an output to provide a reformatted caller identification (P: 0037 lines 1-8), wherein the reformatted caller identification is formatted according to one of a first and second format (P:0037 line 1 through P:0038 line 12). O'Prey differs from claim 10 of the present invention in that it does not disclose the first and second caller

Art Unit: 2617

identification comprising at least a portion of an incoming call from the first communication network or second network and matching the caller identification to one of the first caller identification and the second caller identification used by the controller. Boero et al. teaches a telephone receiver receives incoming caller numbers from different networks with different prefixes which are compared with a telephone book stored within the telephone receiver when choosing a current number for the caller identification (abstract and col. 2 lines 1-16). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify O'Prey with the first and second caller identification comprising at least a portion of an incoming call from the first communication network or second network in order for the main processor to determine if the incoming call is from from a preferred network which provides a cheaper rate for receiving incoming mobile service, as taught by Boero et al..

Regarding claims 11 and 19, O'Prey discloses the reformatted caller identification is provided by adding or inserting to (adjusting) the number of characters of the access prefix (first caller identification) (P:0045 lines 1-8).

Regarding claims 12 and 20, O'Prey discloses a SIM (memory) for storing a template (SIM application tool kit), wherein the digit strings (reformatted caller identification) is provided according to the template (P:0023 lines 1-34).

Regarding claim 13, O'Prey discloses the first communication network is one of a cellular communication network and a private network (fig. 1 and P:0018 lines 1-23).

Regarding claims 15 and 22, O'Prey discloses an address book wherein the controller identifies an address book entry corresponding to the digit string (P:0040 lines 3-7).

Regarding claims 16 and 23, O'Prey discloses a display for displaying one of the digit string and an address book entry corresponding to the digit string (P:0041 lines 1-9).

Regarding claims 18,21 and 24, O'Prey discloses a method (fig.6) for reformatting a caller identification for use by a wireless communication device when operating with at least a one of a first communication network and a second communication network (fig.1) comprising: reformatting the caller

Art Unit: 2617

identification to provide a reformatted caller identification (P:0023 lines 1-24), the reformatted caller identification corresponding to a caller identification format for an other of the plurality of communication networks (P:0023 lines 1-24). O'Prey differs from claim 18 of the present invention in that it does not disclose receiving a communication from one of the first and second communication networks, the communication comprising the caller identification; wherein the caller identification corresponds to one of a first format used by the first communication network and a second format used by the second communication networks and by matching the caller identification to one of the first format or second format used by the wireless device. Boero et al. teaches a telephone receiver receives incoming caller numbers from different networks with different prefixes which are compared with a telephone book stored within the telephone receiver when choosing a current number for the caller identification (abstract and col. 2 lines 1-16). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify O'Prey with receiving a communication from one of the first and second communication networks, the communication comprising the caller identification; wherein the caller identification corresponds to one of a first format used by the first communication network and a second format used by the second communication networks and by matching the caller identification to one of the first format or second format used by the wireless device in order for the for the mobile telephone to determine if an incoming caller identification is from a preferred network which provides a cheaper rate for mobile incoming call service, as taught by Boero et al..

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Keith T. Ferguson whose telephone number is (571) 272-7865. The examiner can normally be reached on 6:30am-4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be



Art Unit: 2617

reached on (571) 272-7872. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Keith Ferguson  
Art Unit 2617  
May 9, 2006

**KEITH FERGUSON**  
**PRIMARY EXAMINER**

